

ABSTRACT OF THE DISCLOSURE

An apparatus for controlling the temperature of an electronic device under test includes a thermal head. The thermal head defines a flow channel for passage of a refrigerant fluid so as to cause transfer of thermal energy between the electronic device and the thermal head. A refrigeration system is connected in fluid communication with the flow channel of the thermal head to supply refrigerant fluid thereto. An inlet valve and outlet valve are provided to facilitate disconnection of the thermal head from the refrigeration system. The valves are sequentially closed with the refrigeration system continuing to operate during the interim period so as to reclaim the refrigerant fluid. Accordingly, thermal head may be disconnected from refrigeration system and removed.